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APR 12 2007

Serial No. 10/647,073
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Claims 1-5 are pending in this application , with claim 1 amended and claims 6-7 cancelled herein. No new matter been added.

In the office action, the specification is objected to because the abstract included more than 150 words. A new abstract is submitted herewith having fewer than 150 words.

Withdrawal of the objection is requested.

Next, the office action rejects the claims under 35 U.S.C. § 101 as allegedly directed to non-statutory subject matter. This rejection is respectfully traversed as it is believed that claim 1 as originally filed met the statutory requirements of § 101. The claim includes physical features including processors, input data memory, and a digital filter. The claim includes a tangible result, namely generation of output data strings in a predetermined order, and the utility is the filtering process itself. Accordingly, it is submitted that claim 1 meets the requirements of § 101 and is statutory. Withdrawal of the rejection is requested.

On the merits, the office action rejects claims 1-7 under 35 U.S.C. § 102(b) as anticipated by U.S. Patent No. 4,805,129 to David.

The office action asserts that David discloses in Figs.6-7 and 22-23 a digital filter device (Fig.7 as FIR filter) in which one or more computing processors for generating input data strings are disclosed (e.g. as input image signal to any of the Figs. Above); an input data memory for storing the input data strings (the prestore 24 or array store 26 for pushing data into the filter processes); and a digital filter for reading the input data strings out of the input data memory in a predetermined order to be filtered and for generating output data strings (the actual FIR filters are in Fig.7 and the output data string is the result of the last adder 48 in the Figs).

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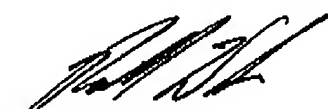
However, it is submitted that David fails to disclose one or more computing processors for generating input data strings and a digital filter for reading the input data strings out of the input data memory in a predetermined order, regardless of the generating order of the input data by the computing processors to be filtered and for generating output data strings as recited in independent claim 1 as amended herein. Accordingly, claim 1 patentably distinguishes over David and is allowable

Dependent claims 2-5 are believed to be patentable over David under 35 U.S.C. 102(b) at least because of their direct dependency from independent claim 1.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,



Nathan Weber
Reg. No. 50,958

CUSTOMER NUMBER 026304
Telephone: (212) 940-8564
Fax: (212) 940-8986 or 8987
Docket No.: 100794-00475 (FUJZ 20.589)
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